I st And Final Bill

Work code. 006-18-000016

425701

SBA 44/23-24 B

M. A. R. 57 (Rule 116)
Measurement Book

Est cost Rs. 40.00 Lacs

No. B

Serial No. ..... Construction of RCC Drains in S.C. Colony Sarakipalya

Name of Work .Main Road in Ward No. 06. From ..... To. Byatarayanapura Sub Division

Name of Contractor of nature of Agency ....Executive Engineer, KRIDL

Date of commencement of work .....280.59M Cross Road 17M C Main Road. 3rd Y Block Rajajinagara Bangalore-10

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents	Reference to last Measurement 8
	Work order No. -	BBMP/EE/BTP/WO/	40	2017-18	dated: 23.12.2017		
(1)	Earthwork excavation by manual means in ordinary soil including an average horizontal lead up to 2 meter and an average lift up to 0.80 mtr excavated surface leveled and sides neatly as per lines & levels Complete as per Specification. As per the measurment recorded vide Page No. 425760 to 425761 in this MB						

9/11

9/11

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Page. 86:92					54.36 M^3	4724:97
(2)	Earthwork excavation by manual means in ordinary Soil Soil involving an average horizontal through upto 2 meters and an average lift upto 0.30 M.r excavated Surface levelled and slope neatly dressed are disposed Earth to be leveled neatly after breaking & clods compress as per Specification.						
	As per Phe. measurment recorded vide Page No.: 425761 to 425762 in this MB.						
	Page. 86:92					123.42 M^3	10727:66

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(3)	Removing BS S... as per Specific...
	As per Phe...
	Page No.: 4...
	Page. 65:72
(4)	Refixing Stone... use. Compress...

BOOK

ns		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
		54.36 M³	47242.97
anual means in ordinary			
e horizontal through upto			
upto 0.30 M deep excavated			
ags dressed set disposed			
r shearing & roads complete			
nt recorded vide Page			
n this MB.		123.42 M³	10727:66

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425702

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(3)	Removing BS slag & Drain and Stacking ese. compose as per Specification. As per Pre-Measurement recorded vide Page No. 425762 to 425763 Rate 65:72					277.30 M² in this MB.	18224:15
(4)	Resizing stone slags & Drains and Pointing in CM 1:3 ese. compose as per Specification.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per Pre measurement recorded vide Item No. (3)					277.30 M^2	
	Rate. 80:56						22339:28
(5)	Providing Granite slabs of selected quality roughly dressed and fixed in cement mortar 1:6 including fixing curing etc.. complete 7.5 cms thick etc.. complete.						
	Sanaiparra main Road L. Side.	1	15.00	1.65	-	24.75	
		1	8.00	1.65	-	13.20	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	R. Side

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
nt recorded vide			
		277.30M²	
			22339:28
Selected quality Rough			
rror 1:6 including fixing			
duct elem. complete.			
s	-	24.75	
s	-	13.20	

425703

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	R. Side	1	12.00	1.65	-	19.80	
		1	10.50	1.65	-	17.32	
		1	8.20	1.65	-	13.53	
		1	9.35	1.65	-	15.42	
		1	9.20	1.65	-	15.18	
		1	7.25	1.65	-	11.96	
		1	8.40	1.65	-	13.86	
		1	9.45	1.65	-	15.59	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	16.20	1.65	-	26.73	
		1	11.80	1.65	-	19.47	
		1	12.85	1.65	-	21.20	
						222.32 m^2	
	C/F FC 16/1/2018						
	Rate - 665 : 68						147993 : 97
(6)	Providing and laying in Position Plain cement Concrete M Mix M1:4:8 with OPC cement at 180 kg/m³ with nominal and down size graded granite metal coarse aggregate as 0.892 cum and fine aggregate as 0.57 cum machine						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	mixed Concrete ... compacted ... materials ... Concrete ... As per ... No. 4... Rate · 5159 :

425704

M. A. R. 57 (Rule 116) **No. B**
Measurement Book

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Mixed Concrete laid in layers not exceeding 15cms thickness well compacted in foundation and plinth including cost of all materials complete with curing Concrete as per specification. Ele.-Concrete as per Specification.						
	As per Pre. Measurement recorded vide Page No. 425764 to 425766 in this MB.					166.91 m^3	861092:02
	Rate. 5159:02						

	Contents 7	Reference to last Measurement 8
	26.73	
	19.47	
	21.20	
	222.32 m^2	147993:97
	n plain cement Concrete at 1:2:4 using 40mm nominal coarse aggregate as per Specification machine	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Providing and constructing Granite/Brick/Laterite Stone Masonry in foundation with cement Mortar 1:6 Stone hammered dressed in courses not less than 20 cms high bond stones at 2.0 M c/c and in each course including cost of materials, labour curing complete as per Specification.						
	As per Pre-measurement recorded vide Page No.- 425766 to 425767 in this MB.						
						16.74 M³	
	Rate - 4438.22						74295.80

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(8)	Providing and Stone Masonry in Stones cms high bond Sto cost & materia complete as p SC Colony (1) cross Road. C (2) cross Road. II

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3) Cross Road. E	2	4.50	0.50	0.50	2.25	
	(W) Cross Road E	2	5.70	0.50	0.50	2.85	
	(5) Cross Road	2	6.20	0.50	0.50	3.10	
	(6) Cross Road	2	6.25	0.50	0.50	3.12	
	C/f FC 2022-23 25/1/2018						
	Rate · 5305 : 30					13.95 M³	
	Checked 25/01/18						74008 : 93
(9)	Providing and removing centering shuttering Strutting Propping etc., and removal of form work for foundations and footings & beams beam haunchings constructing girders & girders transoms and lintels not exceeding 1.0 m above

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	including cost & all Specification.	
	As per Pre. Me	
	Page No., 42 57	
	Rate · 271 : 36	
(10)	Providing and laying & Mix 1:3:6 with PPC	

OOK

th	Depth 6	Contents 7	Reference to last Measurement 8
50	0.50	2.25	
0	0.50	2.85	
0	0.50	3.10	
50	0.50	3.12	
		13.95 M^3	
01	18		74008:93

ing Quattering Structu
& rm work Longitudi and
ings Cantilever girders
not exceeding 1.0 mas/deer

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425706

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	including cost & all materials labour complete as per Specification. As per Pre-measurement recorded vide Page No., 425767 to 425768						
	Page No., 425767 to 425768					36.66 M^2	in this MB.
	Rate. 271:36						9948:05
(10)	Providing and Laying in Position Plain cement Concrete & Mix 1:3:6 with OPC cement as 22mm aggregate						with 20mm aggregate

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	4.81	
0.10	1.20	
0.10	1.20	
0.10	1.20	
0.10	0.28	
0.10	1.14	
0.10	1.14	
0.10	1.20	
0.10	1.20	
0.10	1.20	
0.10	0.27	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425708

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Vent conc. work	2	29.00	0.20	0.10	1.16	
		2	25.80	0.20	0.10	1.03	
		2	4.00	0.20	0.10	0.08	
	L. side	1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
	R. side	1	30.00	0.60	0.10	1.80	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	c/f FC 2022-23 1/2/2018	1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
	1/2/18	1	2.00	0.60	0.10	0.12	
	Rate - 5598:92					35.16 M3	196858:02
(11)	Providing Flush Pointing to Coursed Stone Masonry with Cement Mortar 1:3 20 mm deep after raking joints to depth & 20mm nicely curing including cost & Necessary Casual Curing Complete as per specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	
	Curves	(1) (2) (3) (4) (5) (6)
	2/2/18	
	Rate - 102:82	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.60	0.10	1.80	
0.60	0.10	1.80	
0.60	0.10	1.80	
0.60	0.10	1.80	
0.60	0.10	0.12	
		35.16 M3	
			196858:02
Coursed	Stone	Masonry wor	
& after	raking	joints wi	
up Cost	&	Mesentary	Casing
Curing.			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425709

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Chevrons	(1) 2	4.00	-	0.55	4.40	
		(2) 2	3.50	-	0.55	3.85	
		(3) 2	4.50	-	0.55	4.95	
		(4) 2	5.70	-	0.55	6.27	
		(5) 2	6.20	-	0.55	6.82	
	2/2/18	(6) 2	6.25	-	0.55	6.87	
	Page: 102:82					31.00 M3	3187:42

02/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Providing and laying in Position Plain Cement Concrete & Mix M20 with OPC Cement @ 320 kg with 20 mm and down size graded granite metal coarse aggregate of 0.87 cum and fine aggregate of 0.409 cum with Superplasticizer @ 3% conforming to IS 9103:1999 Reputed machine mixed exceeding 15 cms slump in horizontal Position and ground floor level for roof slab including required shuttering etc complete.						
	RCC Beams.						
	Curvers.	(1) 1	4.00	1.80	0.23	1.38	
		(2) 1	3.50	1.50	0.23	1.20	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	(3) (4) (5) (6) C/F 2.58 8/2/2018 Missing slabs Page - 6371:66	

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
ion Plain Cement Concrete			
ded 320 kg with 20 mm and			
mes al course aggregate			
ase as work cum with			
ing No 1891/03-1999 Reduced			
ing suitable withdrawal sprayer			
d floor level for roof slab			
including cost of materials			
1.80	0.23	1.38	
1.50	0.23	1.20	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425710

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(3)	1	4.50	1.50	0.23	1.55	
	(4)	1	5.70	1.80	0.23	2.35	
	(5)	1	6.20	1.80	0.23	2.56	
	(6)	1	6.25	1.80	0.23	2.58	
	C & FC 2955 Rs 8/2/2018					1.24	
	Missing Slabs	6	1.50	0.60	0.23	12.83 M	817hs:39
	Page - 6371:66						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Providing TMT Steel reinforcements for RCC work including straightening cutting bending hooking Placing in position tapping and or welding wherever required tying with GI binding wire and anchoring to the adjoining members wherever necessary complete as per design (Cuts having already been shall not be measured) complete as per specifications As per Pre-measurements recorded vide page no. 425768 to 425770 in this MB. Rate. 64243:42					1.09 TON 70025:32	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
(14)	Providing and Cons with Compressive St Cement Mortar 1:4 with Solid Concrete to IS 2185/1965 in Cages with Chases & Cor Sarai Pasya Main Road L-side	

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...surements for RCC work			
...ce work including ...ering in position. Lapping			
...ained tying with binding			
...ding members wherever			
...ssary Cover having adequate			
...ness as per specifications.			
...& recorded vide			
M25770 in this MB.			
		1.09 Rm	7002S:32

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425711

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(1W)	Providing and Constructing Precast Concrete Solid Blocks with Compressive Strength not less than 35 kg/sq.cm with Cement Mortar 1:4 Masonry (Cauvery Sand Closer Blocks) 10cm Solid Concrete Blocks of size 40x20x20 cms Conforming to IS 2185/1965 in Superstructure including Cost & Services Cartage Charges & Associated curing Complete as per Specification						
	Sarai Palya Main Road L-side	2	30.00	-	0.60	36.00	
	C&Fl	2	30.00	-	0.60	36.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C/FC @ 95%	2	30.00	-	0.60	36.00	
		2	7.00	-	0.60	8.40	
	C/FC @ 97%	2	28.60	-	0.60	34.32	
		2	21.00	-	0.60	25.20	
	R. Side -	2	30.00	-	0.60	36.00	
	9/2/2018	2	30.00	-	0.60	36.00	
		2	30.00	-	0.60	36.00	
		2	6.90	-	0.60	8.28	
		2	29.00	-	0.60	34.80	
	9/02/18	2	25.80	-	0.60	30.96	
		2	4.00	-	0.60	2.40	
	Rate - 993.22					362.40M	2 359942

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
(15)	Providing and Laying in Design Size granite je RCC Works laid in Using curing Shu Works and Scaffolding WM all Cond and Cu Steel and Fabrication C M20 for Roof Slab Beams etc., complete	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
1	0.60	36.00	
1	0.60	8.40	
1	0.60	34.32	
1	0.60	25.20	
1	0.60	36.00	
1	0.60	36.00	
1	0.60	36.00	
1	0.60	8.28	
1	0.60	34.80	
1	0.60	30.96	
1	0.60	2.40	
		362.40M	2 359942

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425712

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
(15)	Providing and laying cement concrete using 20mm and down size granite jelly & ready mixed concrete (RMC) for RCC works laid in 15cm thick layers and well compacted vibrating curing finishing WM necessary cement mortar for WM and scaffolding to WM Stand Pumping & concrete WM all lead and lift etc.. complete (Excluding & cost of Steel and Fabrication charges) ready mixed cement concrete M20 for pile foundation column footing main and secondary beams etc.. complete.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road. A	1	15.00	(3.70+4.40)/2	×0.10	6.07	
		1	15.00	(4.40+4.35)/2	×0.10	6.56	
		1	2.60	4.35	0.10	1.13	
		1	20.20	3.90	0.10	7.87	
	Cross Road. B	1	15.00	3.65	0.10	5.47	
		1	17.00	3.75	0.10	6.37	
	Cross Road C	1	15.00	3.80	0.10	5.70	
		1	15.00	(3.80+3.70)/2	×0.10	5.62	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cross Road D.
	Cross Road F.

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
70 (4.40)		6.07	
2 x0.10			
40 (4.35)		6.56	
2 x0.10			
35 0.10		1.13	
90 0.10		7.87	
5 0.10		5.47	
75 0.10		6.37	
80 0.10		5.70	
(3.70)		5.62	
2 x0.10			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425713

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	2.00	3.70	0.10	0.74	
	Cross Road D.	1	15.00	(4.20+4.10)/2	x0.10	6.22	
	C/F to C	1	12.00	4.10	0.10	4.92	
	Cross Road F.	1	15.00	(3.20+3.0)/2	x0.10	4.65	
		1	15.00	(3.0+2.95)/2	x0.10	4.46	
		1	15.00	(2.95+3.10)/2	x0.10	4.53	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Cross Road E	1	3.95	3.10	0.10	1.22	
	C/FC	1	15.00	4.00	0.10	6.00	
	20.22 sm	1	19.80	$\frac{(4.0+3.60)}{2}$	×0.10	7.52	
	9/2/2018					82.11 m	
	Rate · 6231:74						511688:17
(16)	Vacccem Be coriissing wrm vaccum Pump and Suction mat and and compaction wrm stein glasser clussed corh gloasing disc including cost & Generator Hom 8						

M.
N

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	machinery Served U	
	ese .. WM all Load ar	
	Cross Road-A.	1
	Cross Road - B	

NT BOOK

mensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
3.10	0.10	1.22	
4.00	0.10	6.00	
(4.0+3.60)/2	×0.10	7.52	
		82.11 M	
			511688:17
Vacuum Pump and Suction			
m Stein glasses Clussed			
p Comp & Generator Hom B			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425714

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	machinery Screed Vibratory Power Floater Blade and Disc ese.. WM all Load and Unl ese.. complete.						
	Cross Road-A.	1	15.00	(3.70+4.40)/2		60.75	
		1	15.00	(4.40+4.35)/2		65.62	
		1	2.60	4.35	-	11.31	
		1	20.20	3.90	-	78.78	
	Cross Road - B	1	15.00	3.65	-	54.75	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	17.00	3.75	-	63.75	
	Cross Road. C -	1	15.00	3.80	-	57.00	
		1	15.00	$\frac{(3.80+3.70)}{2}$	-	56.25	
		1	2.00	3.70	-	7.40	
	Cross Road - D -	1	15.00	$\frac{(4.20+4.10)}{2}$	-	62.25	
		1	12.00	4.10	-	49.20	
	Cross Road - F -	1	15.00	$\frac{(3.20+3.0)}{2}$	-	46.50	
		1	15.00	$\frac{(3.0+2.95)}{2}$	-	44.62	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	c/fc 9/2/2018
	Cross Road. E
	Rate. 95.40
(17)	providing gra
	5mm to 10mm

OOK

Depth 6	Contents 7	Reference to last Measurement 8
–	63.75	
–	57.00	
3.70)	56.25	
–	7.40	
4.10)	62.25	
–	49.20	
3.0)	46.50	
2.95)	44.62	
–		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425715

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	C/FC 9/2/2018	1	15.00	(2.95+3.10)/2	–	45.37	
		1	3.95	3.10	–	12.24	
	Cross Road. E.	1	15.00	4.00	–	60.00	
		1	19.80	(4.0+3.60)/2	–	75.24	
						821.12 m²	78334.84
	Rate. 95.40						
(17)	Providing groove cutting for concrete pavement width & 5mm to 10mm and depth 80mm. 100mm including cost & cutting						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Machine generator & Hom if necessary including cost of blade coolant etc., including cost & blade coolant etc., including cleaning & grooving and providing sand and hot bitumen of strong and sweet metal etc., including cost & conveyance & all necessary taxes Cess and work charges and all other incidental charges complete as per specification.						
	Cross Road - A.	13	3.90	-	-	50.70	
	Cross Road - B.	8	3.65	-	-	29.20	
	Cross Road - C.	8	3.80	-	-	30.40	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cross Road - D.
	Cross Road E.
	Cross Road - F.
	Rate - 121.90
(18)	Providing and Stones made out

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
		ecovery including Cost & Cart & Scale Coolant one and providing Sand er metal etc. including ng Casing Cost and Wet Charges complete as per	
-	-	50.70	
	-	29.20	
-	-	30.40	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425716

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CC/FC Cross Road - D.	8	4.00	-	-	32.00	
	Cross Road F.	13	3.00	-	-	39.00	
29/2/18	9/2/2018 Cross Road. E.	8	3.90	-	-	31.20	
	Rate. 121:90					207.20 MW	25257:68
(18)	Providing and fixing pre cast Sand cement Concrete kerb Stones made out of CC 1:2:4 10 MM Top and bottom with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	114 and 165 mm respectively 400mm high and 450mm in length finished with CM 1:3 plastered and finishing with CM 1:3 Plastered and finishing Cresting including form work & curing including cost of all necessary labour hire charges & necessary loading etc. complete.						
CJFC 12/2/2018	SC Colony Main Road	200	-	-	-	200 Nos	
	Sarai Palya Main Road C. Side	240	-	-	-	240 Nos	
	R. Side	232	-	-	-	232 Nos	
	12/2/18 CJFC 27/02					672 Nos	
	limited to					671.11 Nos	222660:88
	Page. 331:78						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3
(19)	Providing and applyi coat) Applying Primium Wood based Surface cleaning oil grease and removing Rust by m labour Complete as pe SC Colony Main Road. Sarai Palya Main Road L. Side	

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		Maximum height and maximum	
		1:3 plastered and finishing	
		finishing Cornering including	
		Cost & all incidentals	
		necessary loading etc. complete.	
-	-	200 Nos	
-	-	240 Nos	
-	-	232 Nos	
		672 Nos.	
		671.11 Nos	
		22660 : 8	

ized to

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425717

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
19	Providing and applying Painting two coats (excluding Priming coat) Applying Priming Coat over new wood Surface and or wood based Surface preparing the Surface after thoroughly cleaning oil grease dirt and Foreign Matter Sand Papering and knotting Ready mixed Paint including Cost & incidental labour Complete as per Specification.						
	SC Colony Main Road. L-Side	1	90.00	-	0.30	27.00	
	Banashankari Main Road L-Side	1	108.00	-	0.30	32.40	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	R. Side	1	104.40	-	0.30	31.32	
						90.60 M²	90.72
(2)	Rate. 43:46						3937:47
(20)	Providing and applying painting two coats (excluding priming coat) on new wood surface and on wood based surface with enamel paint to give an even shade cleaning the surface of all dirt dust and foreign matter sand papering including cost of necessary labour complete as per specification.						
	SC colony Main Road	1	90.00	-	0.30	27.00	

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Saraipalya Main Road	
CB FC 20 Cube 14/2/2018	L. Side	1
	R. Side	1
	Rate. 89:04	
(21)	Pre cast Slab 20mm th reinforcement) includ mixed Concrete laid i compacted cure & all complete as per	spe

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
	0.30	31.32	
		90.60 M²	90.72
			3937=47
inding 1:2:4 Coarse Cement			
ngate and or wood based			
te give an even shade			
dust dust and Concrete			
ing cost & necessary labour			
-	0.30	27.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425718

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Barenpalla Main Road						
	C.Side	1	108.00	-	0.30	32.40	
	R.Side	1	104.40	-	0.30	31.32	
						90.60 M²	8067=99
	Page · 89:04						
(21)	Pre cast Slab 20mm and down size for Slab (including Steel reinforcement) including Centering and Shuttering machine mixed Concrete laid in layers not exceeding 15cms thick well Compacted Curing & all necessary labour machineary Curing Complete as per specification.						

CC FC 14/2/2018

14/02/18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Main Road - L.side.	244	0.90	0.60	-	131.76	
	R.side.	260	0.90	0.60	-	140.40	
(2)	Missing Extra Slabs.	203	0.90	0.60	-	109.62	
						381.60 m^2	
	Rate - 2100:00						801360:00
(22)	Lead for disposal of debries shall be payable as coarse rates by mechanical means including loading and unloading from 0.00 to 2.00 KM etc., complete as per specification.						

C/F C
29.12.17
16/2/2018

16/2/18
16/02/18

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	
	Quarrying work	(54
	Rate - 73:12	Ad
		Ad

16/2/

T BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
0.60	-	131.76	
0.60	-	140.40	
0.60	-	109.62	
		381.60 m^2	
			801360.00

2/18

02/18

shall be payable as
means including loadi
olem else.. comprise as

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425719

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Quantity vide Item No. (1) and (2)						
	(54.36 + 123.42)				=	177.78 m^3	12999:27
	Rate · 73:12						
					Total Rs.		3599421:00
	Add 10% KRIDL charges				Rs.		359942:00
	Add 1% Cessom				Cess Rs.		35994:00
					Total Rs.		3995357:00

16/2/18

6/2/2018

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate (1) Certified that the work done Satisfac (2) This bill Amounts has not been cli in any of previous bill						

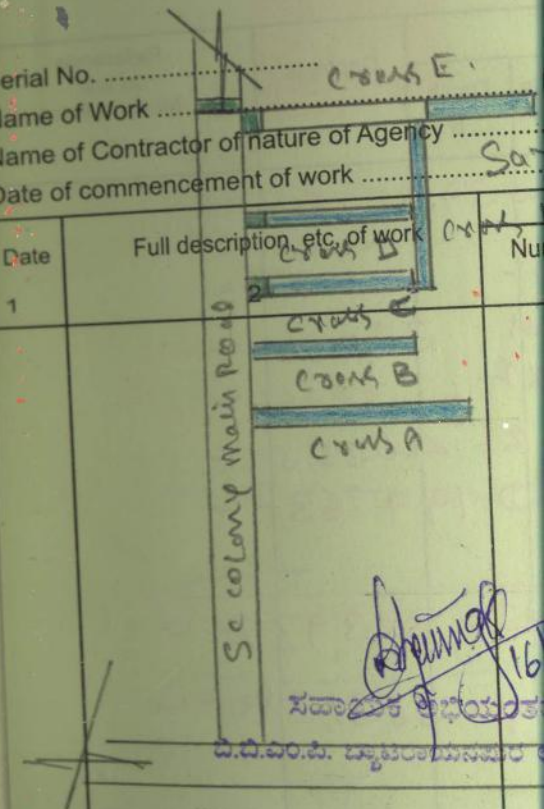
16/2/18

16/2/2018

Accepted all measurements with full & final settlement

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BDMP, Bangalore

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....



IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		that the work done Sarai Palya Amount has not been cl... Previous bill	

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

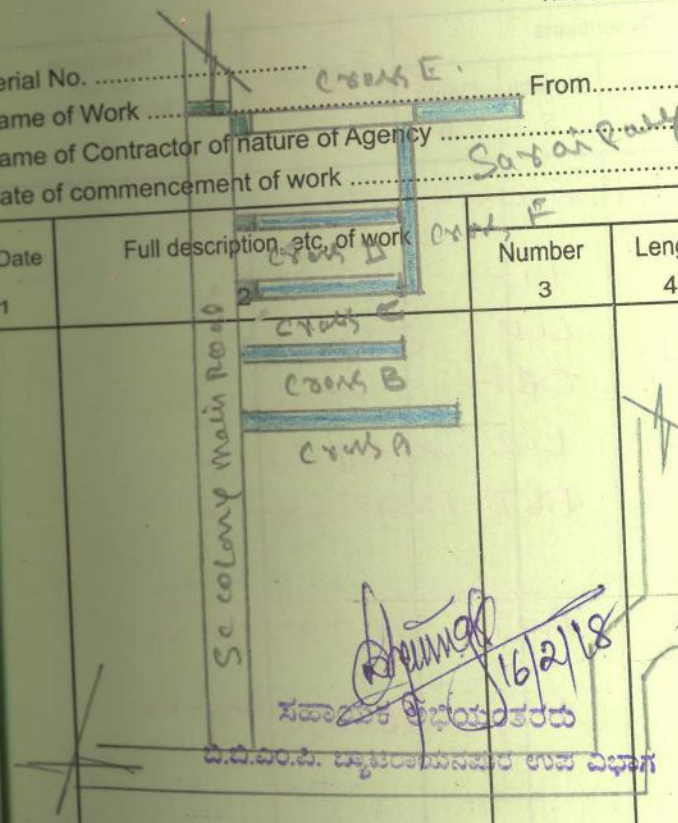
M. A. R. 57 (Rule 116)
Measurement Book

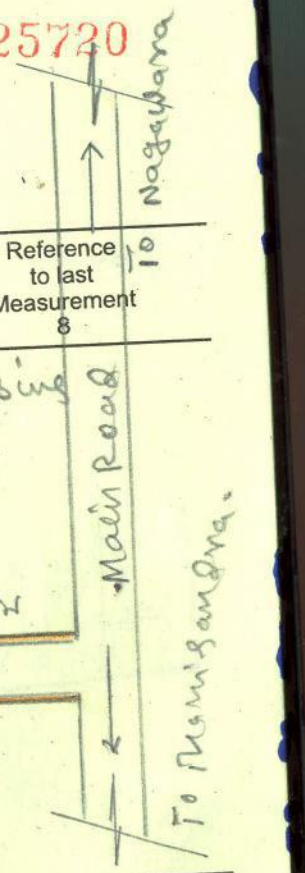
No. B 425720

Serial No. .....
Name of Work ..... Sarai Palya Colony
Name of Contractor of nature of Agency .....
Date of commencement of work .....

From..... To.....

Date	Full description, etc. of work	Number	Length	Dimensions Breadth	Depth	Contents	Reference to last Measurement
1		3	4	5 INDEX	6	7	8
	Flagging Coarse Rising Concrete Roads Culverts. Sarai Palya.					146.60 mtr	
	Sarai Palya Main Road					158.70	





16/2/2018
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

(1)

(2)

(3)

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 39,95,357-೦೦

ಗಳಿಕೆ ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 363977-೦೦

ಹೊಮಾಗಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 3631380-೦೦

Rs. Thirty Six Lakh thirty one thousand three hundred eighty only

ಚೆಕ್ ಮೂಲಕ ಪಾವತಿ ಮಾಡಲಾಗಿದೆ

ಅಕೌಂಟೆಂಟ್

ಬೃ. ಮ. ಪ.

ಬೃ. ಮ. ಪ.

Total Rs 39,95,357-೦೦

IT - 79907-೦೦

CGS - 39954-೦೦

CBF - 3995-೦೦

LR - 40353-೦೦

FSD - 199768-೦೦

Adju. 363977-೦೦

Cheque: 3631,380-೦೦

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	N
1	2	